

10420

#6

0360



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/068,956

DATE: 03/19/2002
TIME: 17:50:38

Input Set : N:\Crf3\02272002\J068956.raw
Output Set: N:\CRF3\03192002\J068956.raw

ENTERED

1 <110> APPLICANT: Paul Young et al.
 2 <120> TITLE OF INVENTION: PGRP-L Polynucleotides, Polypeptides, and Antibodies
 3 <130> FILE REFERENCE: PF513P1
 4 <140> CURRENT APPLICATION NUMBER: US/10/068,956
 5 <141> CURRENT FILING DATE: 2002-02-11
 6 <150> PRIOR APPLICATION NUMBER: 60/149,715
 7 <151> PRIOR FILING DATE: 1999-08-20
 8 <150> PRIOR APPLICATION NUMBER: PCT/US00/22877
 9 <151> PRIOR FILING DATE: 2000-08-18
 10 <160> NUMBER OF SEQ ID NOS: 18
 11 <170> SOFTWARE: PatentIn version 3.1
 13 <210> SEQ ID NO: 1
 14 <211> LENGTH: 1200
 15 <212> TYPE: DNA
 16 <213> ORGANISM: human
 17 <400> SEQUENCE: 1
 18 gacgcggctg gcactgggtg ggccgcacaca cgctcgccca caactccggg ggcttcggcg 60
 19 tggccatagt gggcaactac accgcggcgc tgccacccga gcccgcctg cgacgtgc 120
 20 gcgacacgct cccgagttgt ggggtgcgc cgggcctctt gggccagac tacgcgtgc 180
 21 tgggccaccg ccagctgggtg cgacccgact gccccggcga cgcgccttc gacctgtgc 240
 22 gcacctggcc gcacttcacc ggggtgagtc ttgcagccct gcaactacacg gcccgcgc 300
 23 cttccgtcta cacaagctcc acggggcccc tgcccccgtc ctgttaacagc tggccgc 360
 24 cagcctcagc caggccccca acttccggc ggcacgtcta ttcaaggaaac ctggccca 420
 25 ctttgcggg tcaactctgcg gcaacatcc ctgatccgt gacttctgcc tatgcagcc 480
 26 cagctcagcc ccagacccag ccagctgtc cttcccccag ctcttaatac ctctacattt 540
 27 ccagccaagg catggaccct gacacgtcc aacagccccct ctgcctcac aacctcagcc 600
 28 tggccatcat gacttctcta cccaagtac aacctgtcg gtcgaccac ctatcttgg 660
 29 cccgcgaac cttgacatca ccctggcccc taccggagg ctctctgtcc acacaacatg 720
 30 aacctaggct gtgacccctt gcttccacaa cctctgtcca gtcttaatac ctgtgttgc 780
 31 attctctgtc cagacaatct caactctgag gttgcttgc ttgtccctga ctcttaacc 840
 32 cctgatgaca actcttatgc cagcacaact ttgacccat gacccatcc cagcccttgc 900
 33 tcgccatcac taaaacaatt tttagaatcac acctggacaa ttcgtgtca ctatcatact 960
 34 gcoactccat ttcatatcact tattgactag cacatccatc tcggccataa gttggctttg 1020
 35 tcctcactct ctcactttgg gccactgtcc cctccctgtaa aaggggata tcaccaccga 1080
 36 tcccacagaa atacaaacta ccatcagaga atactataaa cacctctatg caaataaact 1140
 37 agaaaaatcta gaagaaatgg ataaattcct caacacccac taccaaaaaaa aaaaaaaaaa 1200
 39 <210> SEQ ID NO: 2
 40 <211> LENGTH: 174
 41 <212> TYPE: PRT
 42 <213> ORGANISM: human
 43 <400> SEQUENCE: 2
 44 Arg Gly Trp His Trp Val Gly Ala His Thr Leu Gly His Asn Ser Arg
 45 1 5 10 15

Input Set : N:\Crf3\02272002\J068956.raw
Output Set: N:\CRF3\03192002\J068956.raw

46 Gly Phe Gly Val Ala Ile Val Gly Asn Tyr Thr Ala Ala Leu Pro Thr
47 20 25 30
48 Glu Ala Ala Leu Arg Thr Val Arg Asp Thr Leu Pro Ser Cys Ala Val
49 35 40 45
50 Arg Ala Gly Leu Leu Arg Pro Asp Tyr Ala Leu Leu Gly His Arg Gln
51 50 55 60
52 Leu Val Arg Thr Asp Cys Pro Gly Asp Ala Leu Phe Asp Leu Leu Arg
53 65 70 75 80
54 Thr Trp Pro His Phe Thr Ala Val Ser Leu Arg Ser Leu His Tyr Thr
55 85 90 95
56 Ala Arg Arg Pro Ser Val Tyr Thr Ser Ser Thr Arg Pro Leu Pro Pro
57 100 105 110
58 Ala Cys Asn Ser Cys Ala Arg Thr Ala Ser Ala Arg Pro Pro Thr Ser
59 115 120 125
60 Arg Arg His Val Tyr Ser Gly Asn Leu Gly Pro Ala Phe Ala Gly His
61 130 135 140
62 Ser Ala Gly Asn Ile Pro Asp Pro Val Thr Ser Ala Tyr Ala Ala Ser
63 145 150 155 160
64 Ala Gln Pro Gln Thr Gln Pro Ala Cys Pro Phe Pro Ser Ser
65 165 170
66
67 <210> SEQ ID NO: 3
68 <211> LENGTH: 1876
69 <212> TYPE: DNA
70 <213> ORGANISM: human
71 <400> SEQUENCE: 3
72 gccgttatgt gaggtaagca gctttctcca acagaagttc ctctctcctc aaaggcccag 60
73 agtgtccagg ccaaccaact gaccaagaat tacaactgtct gaaactggcc tccgaggttc 120
74 tctgctgggt ctgtccctg gaactggaga cccaccatga aggcctgggg tgccctctgg 180
75 atcgtgtttt gattgtgtct gtggccagag ccagggcag cctcctcctt gcctctgtc 240
76 atggactcca tcatccaggc ctttgtctgaa ctttgagcaaa agtaccagt gactgaggcc 300
77 agcatcaactg cctctgcattt gatttgtca gccaagaact ccagcaccca caattccctt 360
78 caccagcgct tgctgtgaa ggcaccaagc cacaacacta cagagccaga tcctcactct 420
79 ctcagcccg agcttcaagc actgattttct gaggtggctc aacacgtatgt acagaatggg 480
80 cggaatatgt gagtggctgt ggcacctgtat ggctccacccg tagctgtgaa gcctctgtc 540
81 tttgggctatgtt agggccgtct acaggcacac agcgttgcata acttgccttc agattgtctg 600
82 gctatccccctt gtgatactgg agacacccctt gccaatattt gagccacctg gccaggactc 660
83 atggatgtttt ttccaaatgc ctctctcctt gatgttggag ccactttacc aaacgacaaa 720
84 gccaagactc ccaccactgt ggacagactc ctggcaatca ctttggctgg tgacttaggt 780
85 ctgaccccttccacaggc tcacaggcacttgg agtccctccag gactggaaac tgagggtc 840
86 tgggaccaggc ttactgcccc cagggtcttc acactgttgg acccccaggc atccaggtc 900
87 accatggctt ttccaaatgg tgccttagat ggagctctcc ttgggaacca ctttggccaa 960
88 atcccttaggc cccaccaccatccatggccac ctgtctaaagag agtactatgg agctgggtg 1020
89 aatggagatc cgggtttccg aagtaacttc cgaaggcaga acgggtctgc ttgtactca 1080
90 gcccctaccc tggcccgacca ggtatgggag gccccttgc ttttacagaa actggagcca 1140
91 gaacacccatc agttgcagaa cattagccaa gagcagctgg ctcaggttagc caccttggct 1200
92 accaaggagt tcactgaggc ttccctggta tgcccagcca ttccaccccg ctggccgttgg 1260
93 ggagcggctc cctaccgagg ccacccaaca ccactccggc tgccacttgg attcttatat 1320
94 gtgcatacaca catacgtgcc agcggccaccc tgcacccaccc tccagagctg cgccgcccgt 1380
95 atgcgttccaa tgcagcgatcc accaggat gtgcgcaagt gggatgacat cggctacagt 1440

Input Set : N:\Crf3\02272002\J068956.raw
Output Set: N:\CRF3\03192002\J068956.raw

95 ttcgtggtag gctccgacgg ctatctgtac cagggccgtg gctggcactg gtaggtgcg 1500
97 cacacacgcg gctacaactc ccgcggcttc ggtgtggct tcgtggcaa ctacactgg 1560
98 tcactgcccacgaaactgc gctgaacacg gtgcgcgacg cgtccccgag ctgcgaatt 1620
99 cgcgaaggtc tcttgcggcc agactacaag ctgcgttggcc accgcccagct agtgcacc 1680
100 cactgccccggaaacgcgct cttcaacttg ctgcgcaccc ggcctcaccc cacagagg 1740
101 gaaaactaag aactcctttg agagaccctt gaagatccag gaggtattat ccctgatg 1800
102 ccttgagca accacagacc tccaataaag ggaccactga aaggaaaaaaa aaaaaaaaaa 1860
103 aaaaaaaaaaaaaaa 1876
105 <210> SEQ ID NO: 4
106 <211> LENGTH: 530
107 <212> TYPE: PRT
108 <213> ORGANISM: human
109 <400> SEQUENCE: 4
110 Met Lys Ala Trp Gly Ala Leu Trp Ile Val Leu Gly Leu Leu Trp
111 1 5 10 15
112 Pro Glu Pro Gly Ala Ala Ser Ser Leu Pro Leu Leu Met Asp Ser Ile
113 20 25 30
114 Ile Gln Ala Leu Ala Glu Leu Glu Gln Lys Val Pro Val Thr Glu Ala
115 35 40 45
116 Ser Ile Thr Ala Ser Ala Trp Ile Leu Ser Ala Lys Asn Ser Ser Thr
117 50 55 60
118 His Asn Ser Leu His Gln Arg Leu Leu Leu Lys Ala Pro Ser His Asn
119 65 70 75 80
120 Thr Thr Glu Pro Asp Pro His Ser Leu Ser Pro Glu Leu Gln Ala Leu
121 85 90 95
122 Ile Ser Glu Val Ala Gln His Asp Val Gln Asn Gly Arg Glu Tyr Gly
123 100 105 110
124 Val Val Leu Ala Pro Asp Gly Ser Thr Val Ala Val Lys Pro Leu Leu
125 115 120 125
126 Phe Gly Leu Glu Ala Gly Leu Gln Ala His Ser Val Ala Asn Leu Pro
127 130 135 140
128 Ser Asp Cys Leu Ala Ile Pro Cys Asp Thr Gly Asp Thr Leu Ala Asn
129 145 150 155 160
130 Ile Arg Ala Thr Trp Pro Gly Leu Met Asp Ala Phe Pro Asn Ala Ser
131 165 170 175
132 Ser Pro Asp Val Gly Ala Thr Leu Pro Asn Asp Lys Ala Lys Thr Pro
133 180 185 190
134 Thr Thr Val Asp Arg Leu Leu Ala Ile Thr Leu Ala Gly Asp Leu Gly
135 195 200 205
136 Leu Thr Phe Leu His Arg Ser Gln Thr Trp Ser Pro Pro Gly Leu Gly
137 210 215 220
138 Thr Glu Gly Cys Trp Asp Gln Leu Thr Ala Pro Arg Val Phe Thr Leu
139 225 230 235 240
140 Leu Asp Pro Gln Ala Ser Arg Leu Thr Met Ala Phe Leu Asn Gly Ala
141 245 250 255
142 Leu Asp Gly Ala Leu Leu Gly Asn His Leu Ser Gln Ile Pro Arg Pro
143 250 265 270
144 His Pro Pro Leu Ser His Leu Leu Arg Glu Tyr Tyr Gly Ala Gly Val
145 275 280 285

Input Set : N:\Crf3\02272002\J068956.raw
Output Set: N:\CRF3\03192002\J068956.raw

146 Asn Gly Asp Pro Val Phe Arg Ser Asn Phe Arg Arg Gln Asn Gly Ala
147 290 295 300
148 Ala Leu Thr Ser Ala Pro Thr Leu Ala Gln Gln Val Trp Glu Ala Leu
149 305 310 315 320
150 Val Leu Leu Gln Lys Leu Glu Pro Glu His Leu Gln Leu Gln Asn Ile
151 325 330 335
152 Ser Gln Glu Gln Leu Ala Gln Val Ala Thr Leu Ala Thr Lys Glu Phe
153 340 345 350
154 Thr Glu Ala Phe Leu Gly Cys Pro Ala Ile His Pro Arg Cys Arg Trp
155 355 360 365
156 Gly Ala Ala Pro Tyr Arg Gly His Pro Thr Pro Leu Arg Leu Pro Leu
157 370 375 380
158 Gly Phe Leu Tyr Val His His Thr Tyr Val Pro Ala Pro Pro Cys Thr
159 385 390 395 400
160 Thr Phe Gln Ser Cys Ala Ala Asp Met Arg Ser Met Gln Arg Phe His
161 405 410 415
162 Gln Asp Val Arg Lys Trp Asp Asp Ile Gly Tyr Ser Phe Val Val Gly
163 420 425 430
164 Ser Asp Gly Tyr Leu Tyr Gln Gly Arg Gly Trp His Trp Val Gly Ala
165 435 440 445
166 His Thr Arg Gly Tyr Asn Ser Arg Gly Phe Gly Val Ala Phe Val Gly
167 450 455 460
168 Asn Tyr Thr Gly Ser Leu Pro Asn Glu Ala Ala Leu Asn Thr Val Arg
169 465 470 475 480
170 Asp Ala Leu Pro Ser Cys Ala Ile Arg Glu Gly Leu Leu Arg Pro Asp
171 485 490 495
172 Tyr Lys Leu Leu Gly His Arg Gln Leu Val Leu Thr His Cys Pro Gly
173 500 505 510
174 Asn Ala Leu Phe Asn Leu Leu Arg Thr Trp Pro His Phe Thr Glu Val
175 515 520 525
176 Glu Asn
177 530
179 <210> SEQ ID NO: 5
180 <211> LENGTH: 733
181 <212> TYPE: DNA
182 <213> ORGANISM: human
183 <400> SEQUENCE: 5
184 gggatccgga gcccaaatct tctgacaaaaa ctcacacatg cccaccgtgc ccagcacctg 60
185 aatccgaggg tgcaccgtca gtcttcctct tccccccaaa accccaaggac accctcatga 120
186 tctcccgac tcctgaggac acatgcgtgg tggtgacgt aagccacgaa gaccctgagg 180
187 tcaagttcaa ctggtagctg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg 240
188 aggagcagta caacacgacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact 300
189 ggctgaatgg caaggagtagc aagtgcacagg tctccaacaa agccctccca accccatcg 360
190 agaaaaaccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc 420
191 catcccgaaa tgagctgacc aagaaccagg tcagcgtcct ctcgcctggc aaaggcttct 480
192 atccaagcga catcgccgtg gagtgggaga gcaatggca gccggagaac aactacaaga 540
193 ccacgcctcc cgtgtggac tccgacggct ccttcttcct ctacagcaag ctcaccgtgg 600
194 acaagagcag gtggcagcag gggaaacgtct tctcatgctc cgtgtatgc gaggctctgc 660
195 acaaccacta cacgcagaag agcctctccc tgtctccggg taaatgagtg cgacggccgc 720

Input Set : N:\Crf3\02272002\J068956.raw
Output Set: N:\CRF3\03192002\J068956.raw

196 gactctagag gat 733
198 <210> SEQ ID NO: 6
199 <211> LENGTH: 5
200 <212> TYPE: PRT
201 <213> ORGANISM: human
202 <220> FEATURE:
203 <221> NAME/KEY: MISC_FEATURE
204 <222> LOCATION: (3)..(3)
205 <223> OTHER INFORMATION: Xaa equals any amino acid
206 <400> SEQUENCE: 6
Wk> 207 Trp Ser Xaa Trp Ser
208 1 5
210 <210> SEQ ID NO: 7
211 <211> LENGTH: 86
212 <212> TYPE: DNA
213 <213> ORGANISM: human
214 <400> SEQUENCE: 7
215 ggcgcctcgag atttcccgaa aatcttagatt tcccgaaat gatttcccg aaatgattc 60
216 cccgaaatat ctgcctatctc aattag 86
218 <210> SEQ ID NO: 8
219 <211> LENGTH: 27
220 <212> TYPE: DNA
221 <213> ORGANISM: human
222 <400> SEQUENCE: 8
223 gcgcaagct ttttgcggaa cctaggc 27
225 <210> SEQ ID NO: 9
226 <211> LENGTH: 271
227 <212> TYPE: DNA
228 <213> ORGANISM: human
229 <400> SEQUENCE: 9
230 ctcgagatt cccggaaatc tagatttccc cgaaatgatt tcccgaaat gatttcccg 60
231 aaatatctgc catctcaatt agtcagcaac catagtcccg cccctaactc cggccatccc 120
232 gcccctaact ccgcccagtt cggcccatc tccgccccat ggctgactaa ttttttttat 180
233 ttatgcagag gccgaggccg cctcgccctc tgagctattc cagaagtagt gaggaggctt 240
234 ttttggggc cttaggtttt gaaaaagct t 271
236 <210> SEQ ID NO: 10
237 <211> LENGTH: 32
238 <212> TYPE: DNA
239 <213> ORGANISM: human
240 <400> SEQUENCE: 10
241 gcgctcgagg gatgacagcg atagaacccc gg 32
243 <210> SEQ ID NO: 11
244 <211> LENGTH: 31
245 <212> TYPE: DNA
246 <213> ORGANISM: human
247 <400> SEQUENCE: 11
248 gcgaaagcttc gcgactcccc ggatccgcct c 31
250 <210> SEQ ID NO: 12
251 <211> LENGTH: 12